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ANNUAL REPORT

on the Sanitary Condition
of the
Thorne Rural District
1943

By

J. M. TAYLOR, M.D., D.P.H.
MEDICAL OFFICER OF HEALTH



THORNE

W. Wrigley and Son, Printers, Market Place

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*To the Chairman and Members of the
Thorne Rural District Council*

Gentlemen,

In accordance with instructions from the Ministry of Health in Circular 1044, dated February 15th, 1944, the Annual Report is again made as brief as possible. To ensure continuity of records the tables are in the forms prescribed by the Ministry.

The Birth Rate for 1943 is 22'37 per 1,000 population. In 1942 it was 21'86. The birth rate for England for 1943 is 16'5.

The Death Rate for 1943 is 10'55 per 1,000 population. In 1942 it was 9'67. The Death Rate for England for 1943 is 12'1.

The Infantile Mortality Rate is 61'8 per 1,000 live births. Last year it was 68'3. The rate for England is 49.

Deaths from Diarrhœa in children under 2 years numbered 5, an improvement on last year's total of 16.

There was an increase in the number of Diphtheria cases in 1943, 75 being notified. In 1942 there were 63 cases.

Scarlet Fever notifications showed a slight increase. There were 33 cases in 1943, compared with 29 in 1942.

The Diphtheria case rate for this district is much higher than that for England, whereas the Scarlet Fever rate is much less.

Yours obediently,

J. M. TAYLOR,

July 28th, 1944

Medical Officer of Health

ANNUAL REPORT on the SANITARY CONDITION of the THORNE RURAL DISTRICT for 1943

General Statistics relating to the Rural District

The Rural District comprises five civil parishes, and has an area of 38,419 acres.

The Registrar-General's estimate of the resident population for the year 1943 is 28,920.

The total number of inhabited houses in the district at the end of 1943, according to the rate books, was 7,157.

The Rateable Value of the district is £119,373.

The sum represented by a penny rate is £451.

Vital Statistics

In considering the Birth, Death and other rates which have been calculated for 1943, it must be borne in mind that:—

- (1) Non-Civilian Deaths are not included.
- (2) That Deaths and Births occurring amongst persons temporarily residing in this district on account of the war are included in the local figures.

Births

The estimate of population supplied by the Registrar-General for calculating the birth rate is 28,920.

The total number of births during 1943 was 647.

Of these 305 were males and 342 were females.

Legitimate births numbered 611.

Of these legitimate births 286 were males and 325 females.

Illegitimate births numbered 36, 19 being males and 17 females.

The birth rate per 1,000 of the estimated population is 22·37.

The birth rate per 1,000 of the population for England is 16·5.

The total number of stillbirths was 18.

Of these 9 were males and 9 females; and 1 female was illegitimate.

The stillbirth rate for the district per 1,000 total (live and still) births is 27.

The stillbirth rate for the district per 1,000 population is 0·62.

Deaths

The total number of Deaths during 1943 was 305.

Of these 158 were males and 147 females.

The actual or crude death rate for the district is 10.55 per 1,000 population.

No comparability factor is issued by the Registrar-General this year.

The death rate for England is 12.1.

Deaths of Infants under 1 Year

The total number was 40.

Of these 22 were males and 18 females.

20 males and 17 females were legitimate.

2 males and 1 female were illegitimate.

The death rate of infants under one year per 1,000 live births is 61.8.

The death rate for England is 49.

The death rate of legitimate infants per 1,000 legitimate live births is 60.5.

The death rate of illegitimate infants per 1,000 illegitimate live births is 83.3.

The following table gives the Infantile Death Rate for the last five years :—

| | | | |
|------|-------|------|------------------|
| 1938 | | 61.9 | per 1,000 births |
| 1939 | | 77.4 | “ “ |
| 1940 | | 74.8 | “ “ |
| 1941 | | 79.2 | “ “ |
| 1942 | | 68.3 | “ “ |

Deaths from Cancer (all ages) 40

Deaths from Measles (all ages) 3

Deaths from Whooping Cough (all ages) 3

Deaths from Diarrhoea (under 2 years) 5

DEATHS FROM PUERPERAL CAUSES:

From Sepsis, none.

Other causes, none.

Causes of Death in the Thorne Rural District, as supplied by the Registrar-General

| Causes of Death | M | F |
|--|----------|----------|
| All causes | 158 | 147 |
| Cerebro-spinal Fever | 0 | 1 |
| Whooping Cough | 0 | 3 |
| Diphtheria | 1 | 1 |
| Tuberculosis of Respiratory System | 10 | 7 |
| Other forms of Tuberculosis | 3 | 3 |
| Syphilitic Diseases | 1 | 0 |
| Influenza | 3 | 4 |
| Measles | 1 | 2 |
| Acute Infectious Encephalitis | 0 | 0 |
| Cancer of Buccal Cavity, Oesophagus and Uterus | 4 | 5 |
| Cancer of Stomach and Duodenum | 3 | 5 |
| Cancer of Breast | 0 | 5 |
| Cancer of all other sites | 8 | 10 |
| Diabetes | 1 | 5 |
| Intra-cranial vascular lesions | 5 | 13 |
| Heart Disease | 31 | 25 |
| Other Diseases of circulatory system | 2 | 5 |
| Bronchitis | 10 | 7 |
| Pneumonia | 18 | 9 |
| Other respiratory diseases | 2 | 2 |
| Ulcer of Stomach or Duodenum | 2 | 0 |
| Diarrhoea (under 2 years) | 4 | 1 |
| Appendicitis | 1 | 1 |
| Other Digestive Diseases | 4 | 4 |
| Nephritis | 2 | 3 |
| Puerperal and Post-abortion Sepsis | 0 | 0 |
| Other maternal causes | 0 | 0 |
| Premature Birth | 8 | 4 |
| Congenital Malformations, Birth Injuries, Infantile Diseases | 2 | 2 |
| Suicide | 2 | 0 |
| Road Traffic Accidents | 2 | 0 |
| Other violent causes | 13 | 5 |
| All other causes | 15 | 15 |

Notifiable Diseases during the Year (other than Tuberculosis)

| Disease | Total Cases notified | Cases admitted to Hospital |
|-----------------------|----------------------|----------------------------|
| Scarlet Fever | 33 | 9 |
| Diphtheria | 75 | 65 |
| Puerperal Pyrexia | 1 | 1 |
| Pneumonia | 22 | 0 |
| Erysipelas | 3 | 0 |
| Ophthalmia Neonatorum | 0 | 0 |
| Enteric Fever | 0 | 0 |
| Cerebro-spinal Fever | 2 | 2 |

The following table gives a summary of the Infectious Diseases (other than Tuberculosis and Ophthalmia Neonatorum) notified during the year, and arranged in age periods:

| | Scarlet Fever | Diphtheria | Pneumonia | Erysipelas | Cerebro-spinal Fever | Enteric Fever |
|-------------|---------------|------------|-----------|------------|----------------------|---------------|
| Age Periods | | | | | | |
| 0 | — | — | — | — | — | — |
| 1 | — | 1 | 1 | — | — | — |
| 2 | 2 | 3 | — | — | — | — |
| 3 | 3 | 6 | 4 | — | 1 | — |
| 4 | 2 | 3 | — | — | — | — |
| 5 | 14 | 17 | 5 | — | — | — |
| 10 | 7 | 31 | 1 | — | — | — |
| 15 | 4 | 12 | 3 | 1 | 1 | — |
| 25 | — | 1 | 2 | — | — | — |
| 35 | 1 | — | 1 | — | — | — |
| 45 | — | 1 | 5 | 1 | — | — |
| 65 | — | — | — | 1 | — | — |
| And upwards | 33 | 75 | 22 | 3 | 2 | 0 |

Diphtheria

The 75 cases were distributed amongst the parishes as follows:—

| | No. of Cases |
|------------|--------------|
| Thorne | 61 |
| Stainforth | 6 |
| Hatfield | 7 |
| Sykehouse | 1 |
| Fishlake | 0 |

Six of these cases were children who were carriers, and who were removed to hospital for treatment.

The Diphtheria case rate for the district works out at 2.5 per 1,000 population, whereas the rate for England is 0.88.

The Scarlet Fever case rate for the district is 1.1 per 1,000 population, whereas England's rate is 3.01.

Measles and Whooping Cough

Under provisional regulations which came into force on October 23rd, 1939, Measles and Whooping Cough became notifiable diseases. There were 133 notifications of measles, and 9 of Whooping Cough.

Puerperal Pyrexia

One case was notified, and was treated under arrangements made by the West Riding County Council.

Public Health (Smallpox Prevention) Regulations 1917

No vaccinations under these regulations were performed by the Medical Officer of Health during the year.

Tuberculosis

The following table gives a summary of the cases notified during the year, also of the deaths, arranged in age periods:—

| | | New Cases | | | | Deaths | | | |
|-------------|----|-----------|----|---------------|---|-----------|----|---------------|---|
| | | Pulmonary | | Non-Pulmonary | | Pulmonary | | Non-Pulmonary | |
| Age Periods | | M | F | M | F | M | F | M | F |
| 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| 1 | | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| 5 | | 1 | 0 | 4 | 5 | 0 | 1 | 1 | 0 |
| 15 | | 6 | 8 | 0 | 2 | 2 | 4 | 1 | 0 |
| 25 | | 5 | 6 | 0 | 0 | 4 | 2 | 0 | 0 |
| 35 | | 0 | 2 | 0 | 0 | 2 | 3 | 0 | 0 |
| 45 | | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 |
| 55 | | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| And upwards | 65 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 14 | 17 | 5 | 8 | 10 | 11 | 3 | 2 |

Ophthalmia Neonatorum

No case was notified.

School Closures

There were no school closures during the year.

Water Supply

A bacteriological examination of the water supplied by the Thorne and District Water Company, in January 1943, gave results as follows:—

Bacteriological Analysis.—"Presumptive *Bacillus Coli*: None in 100 ml. of water. The examination shows that this water is satisfactory according to the standard recommended by the Ministry of Health."

Sewerage

No extension to the Council's sewers was made during 1943.

Camping Sites

One licence is in operation under Section 269 of the Public Health Act, 1936.

Smoke Abatement

Seven observations were made but no unsatisfactory conditions were found.

Eradication of Bed Bugs

Twelve houses were found to be infested with Bed Bugs. All were treated effectively with insecticides.

Sanitary Inspectors' Report

Mr. B. Woodley and Mr. Win. Bell report as follows:

Dairies and Cowsheds, etc.

143 Wholesale Traders on the Register.

56 Retail Traders on the Register

All Cowsheds are inspected twice a year under Articles 1 and 25 Milk and Dairies Order 1926

Shops Act 1934

10 Shops inspected

Common Lodging Houses

3 on Register.

All kept in satisfactory condition

Canal Boats

188 on Register.

2 Inspected.

180 Boats in use

Factories Act 1937

71 Factories in district.

| | | | |
|--|---|-----|-----|
| 3 | Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation | | |
| | Houses | ... | nil |
| | Caravans | ... | nil |
| 4 | Number of dwelling-houses exclusive of those referred to under the preceding sub-head found not to be in all respects reasonably fit for human habitation | ... | nil |
| 2. Remedy of defects during the Year without Service of formal Notices : | | | |
| | Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers | ... | 37 |
| 3. Action under Statutory Powers during the Year : | | | |
| (a)—Proceedings under sections 9, 10 and 16 of the Housing Act, 1936: | | | |
| 1 | Number of dwelling-houses in respect of which notices were served requiring repairs | ... | 14 |
| 2 | Number of dwelling-houses which were rendered fit after service of formal notices:— | | |
| | (a) By owners | ... | 9 |
| | (b) By Local Authority in default of owners | ... | nil |
| (b)—Proceedings under Public Health Acts: | | | |
| 1 | Number of dwelling-houses in respect of which notices were served requiring defects to be remedied | ... | 28 |
| 2 | Number of dwelling-houses in which defects were remedied after service of formal notices:— | | |
| | (a) By owners | ... | 23 |
| | (b) By Local Authority in default of owners | ... | nil |
| (c)—Proceedings under sections 11 and 13 of the Housing Act 1936: | | | |
| 1 | Number of dwelling-houses in respect of which Demolition Orders were made | ... | nil |
| 2 | Number of dwelling houses demolished in pursuance of Demolition Orders | ... | nil |
| (d)—Proceedings under section 12 of the Housing Act, 1936: | | | |
| 1 | Number of separate tenements or underground rooms in respect of which Closing Orders were made | ... | nil |
| 2 | Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit | ... | nil |
| 4. Housing Act, 1936—Part IV—Overcrowding: | | | |
| (a)—1 Number of dwellings overcrowded at the end of the year | | | |
| 2 | Number of families dwelling therein | ... | nil |
| 3 | Number of persons dwelling therein | ... | nil |
| (b)—Number of new cases of overcrowding reported during the year | | | |
| 4 | | | 4 |
| (c)—1 Number of cases of overcrowding relieved during the year | | | |
| 2 | Number of persons concerned in such cases | ... | 39 |
| (d)—Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding | | | |
| | | ... | nil |

